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Substitute Form PTO 1390 U.S. Department of Commerce Patent and Trademark Office  
**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. § 371**  
Attorney Docket Number:  
50488/002001  
U.S. Application Number:

INTERNATIONAL APPLICATION NUMBER	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/CA2005/000345	March 4, 2005	March 4, 2004
TITLE OF INVENTION:	Method of Proliferating Precursor Cells	
APPLICANTS FOR DO/EO/US:	Susan Oriole Meakin and Kathryn Elizabeth Volkening	

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

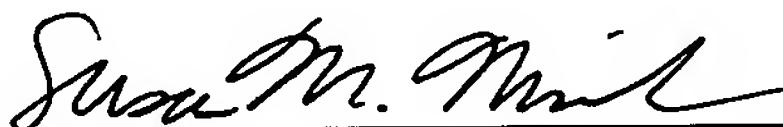
1.	<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2.	<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3.	<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)).
4.	<input checked="" type="checkbox"/> The U.S. has been elected.
5.	A copy of the International Application (35 U.S.C. § 371(c)(2)). <input checked="" type="checkbox"/> a. is transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> b. has been transmitted by the International Bureau. <input type="checkbox"/> c. Is not required, as the application was filed with the United States Receiving Office (RO/US).
6.	An English language translation of the International Application into English (35 U.S.C. § 371(c)(2)). <input type="checkbox"/> a. is transmitted herewith. <input type="checkbox"/> b. has been previously submitted under 35 U.S.C. 154(d)(4).
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)). <input type="checkbox"/> a. are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> b. have been transmitted by the International Bureau. <input type="checkbox"/> c. have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> d. have not been made and will not be made.
8.	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9.	<input type="checkbox"/> An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)).
10.	<input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371 (c)(5)).
11.	<input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.
12.	<input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 is included.
13.	<input checked="" type="checkbox"/> A preliminary amendment.
14.	<input type="checkbox"/> A substitute specification.
15.	<input type="checkbox"/> A power of attorney and/or change of address letter.
16.	<input type="checkbox"/> Request for Deferred Examination.
17.	<input type="checkbox"/> Application Data Sheet.
18.	<input checked="" type="checkbox"/> Other items or information: WO 2005/084691 - republished claims; Search Report; Written Opinion
19.	<input checked="" type="checkbox"/> The following fees are submitted:

Basic National Stage Fee: \$300	\$300	
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National Stage Search Fee	\$400	
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If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4): \$0

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Search fee (37 C.F.R. § 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority: \$100			
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB: \$400			
All other situations: \$500			
National Stage Examination Fee  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4): \$0  All other situations: \$200		\$200	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 C.F.R. § 1.492(h)).		\$130	
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>
Total claims	36 - 20 =	16	x \$50      \$800
Independent claims	3 - 3 =	0	x \$200      \$0
Multiple dependent claims (if applicable)		+ \$360	\$0
Application Size Fee: Additional fee for specification and drawings in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
<b>TOTAL SHEETS</b>		<b>EXTRA SHEETS</b>	<b>Number of each additional 50 sheets or fraction thereof (round up to a whole number)</b>
-100=	/50=		X\$250      \$0
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1830			
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status under 37 C.F.R. § 1.27			
<b>SUBTOTAL =</b> \$915			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)). + \$0			
<b>TOTAL NATIONAL FEE =</b> \$915			
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). + \$40.00 per property.			
<b>TOTAL FEES ENCLOSED =</b> \$915			
			Amount to be refunded \$
			charged \$
<input checked="" type="checkbox"/> a. Enclosed is a check for \$915 to cover the total fees. <input checked="" type="checkbox"/> b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095.			
NOTE: Where an appropriate time limit under 37 C.F.R. §§ 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b) must be filed and granted to restore the application to pending status.			
<b>SEND ALL CORRESPONDENCE TO:</b> Susan M. Michaud, Ph.D.      Telephone: 617-428-0200 Clark & Elbing LLP      Facsimile: 617-428-7045 101 Federal Street      Customer No.: 21559 Boston, MA 02110-2214		 Signature Susan M. Michaud, Ph.D. Reg. No. 42,885	